

Product Datasheet

beta Amyloid 42 Antibody - BSA Free NBP2-44113

Unit Size: 0.05 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP2-44113

beta Amyloid 42 Antibody - BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

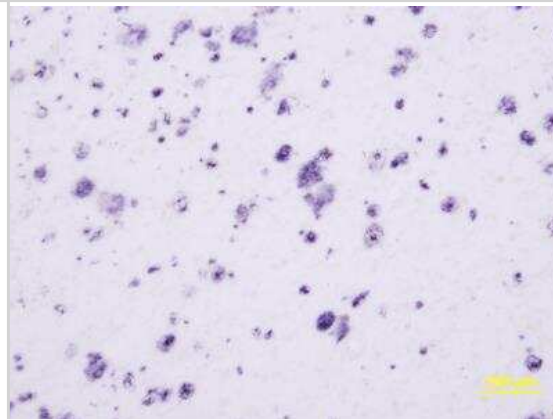
Product Description	
Description	<p>This antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rabbit
Gene ID	351
Gene Symbol	APP
Species	Human, Mouse
Reactivity Notes	A BLAST analysis was used to suggest reactivity with human, sheep, rabbit, canine, bovine, pig, guinea pig, and monkey based on 100% sequence homology. This antibody will not react with AB40. Cross-reactivity with Beta Amyloid from other sources has not been determined.
Specificity/Sensitivity	A BLAST analysis was used to suggest reactivity with human, sheep, rabbit, canine, bovine, pig, guinea pig, and monkey based on 100% sequence homology. This antibody will not react with AB40. Cross-reactivity with Beta Amyloid from other sources has not been determined.
Immunogen	beta Amyloid 42 Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to the C-terminus of AB42. (Uniprot: P05067)

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1ug/ml, ELISA 1:10000, Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	<p>This product has been tested by ELISA and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~86kDa corresponding to the appropriate cell lysate or extract.</p> <p>IHC-P from a verified customer review.</p>

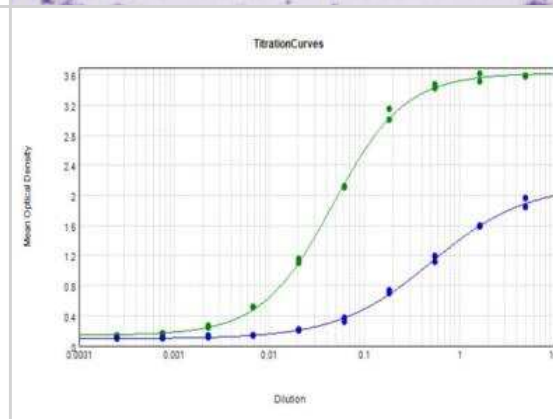


Images

Immunohistochemistry-Paraffin: beta Amyloid 42 Antibody [NBP2-44113]
- Detection of beta Amyloid deposits in a case of Alzheimer's disease.
Image from a verified customer review.



ELISA: beta Amyloid 42 Antibody [NBP2-44113] - Results of purified Polyclonal anti-beta amyloid 42 antibody tested against BSA-conjugated beta amyloid 42 peptide (green) and BSA-conjugated beta amyloid 40 peptide (blue).



Publications

Jung Yeon Lim, Jung Eun Lee, Han Kyung Kim, Yeon-Joon Park, Jung Ho Jeon, Soon-A. Park, Naeun Lee, Il Hwan Lee, Do Hyun Kim, Seung Ho Yang, Jongman Yoo, Sung Won Kim, Alexander E. Kalyuzhny, Alexander V. Ljubimov
Human Palatine Tonsils Are Linked to Alzheimer's Disease through Function of Reservoir of Amyloid Beta Protein Associated with Bacterial Infection Cells 2022-07-24 [PMID: 35892582]

McGeer PL, Lee M, Kennedy K, McGeer EG Saliva Diagnosis as a Disease Predictor J Clin Med 2020-01-30 [PMID: 32019214] (ELISA, Human)

Kim DH, Lee D, Lim H et al. Effect of growth differentiation factor-15 secreted by human umbilical cord blood-derived mesenchymal stem cells on amyloid beta levels in invitro and invivo models of Alzheimer's disease. Biochem. Biophys. Res. Commun. 2018-09-14 [PMID: 30224067] (WB, ELISA, Human, Mouse)



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Products Related to NBP2-44113

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-18318-100ug	beta Amyloid 42 Peptide

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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